

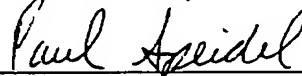
U.S. Serial No. 10/032,218

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carlton J. Sparrell, *et al.*
Serial No. 10/032,218
Filed: December 21, 2001
Title: Digital Video Recording And Reproduction System And Method
Suitable For Live-Pause Playback Utilizing Intelligent Buffer
Memory Allocation
Group Art Unit: 2652
Attorney Docket: UCN-010

Certificate of Facsimile Transmission

I hereby certify that the attached correspondence is being transmitted via facsimile to the Commissioner for Patents, Office Of Initial Patent Examination, Washington, DC 20231, facsimile telephone number 703.308.7751, on this day, March 18, 2002.


Paul Speidel

Response To "Notice to File Missing Parts of NonProvisional Application"

Commissioner for Patents
OFFICE OF INITIAL PATENT EXAMINATION
Washington, D.C. 20231

In response to the "Notice to File Missing Parts of Provisional Application" (the "Notice") mailed January 31, 2002 (Part 2 copy attached hereto), attached for facsimile filing are:

- 1) An executed Declaration and Power of Attorney (3 pages); and
- 2) Part 2 Copy of Notice to File Missing Parts of Provisional Application.

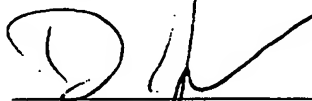
*Please change your records to use this new attorney docket number: UCN-015.

Payment of Fees by Deposit Account: The USPTO is hereby authorized to charge the balance of \$549: \$370 basic filing fee; \$72 for 8 total claims over 20; \$42 for 1 independent claim over 3; and \$65 for the declaration surcharge fee (37 CFR 1.16(e)), as well as any other required fee, to the Lucash, Gesmer & Updegrave PTO Deposit Account No. 122315.

U.S. Serial No. 10/032,218

If additional information is required, you are invited to immediately contact the undersigned via telephone or facsimile at the numbers listed below. Thank you for your attention to this matter.

Respectfully submitted,



David Jacobs

Reg. No. 31/770

LUCASH, GESMER &
UPDEGROVE, LLP

Boston, MA 02109

Tel.: (617) 350-6800

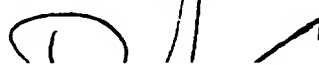
Fax: (617) 350-6878

Date: March 18, 2002

U.S. Serial No. 10/032,218

If additional information is required, you are invited to immediately contact the undersigned via telephone or facsimile at the numbers listed below. Thank you for your attention to this matter.

Respectfully submitted,

A handwritten signature in black ink, consisting of a large, stylized 'D' followed by a vertical line and a diagonal stroke.



UNITED STATES PATENT AND TRADEMARK OFFICE

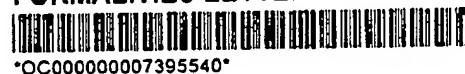
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/032,218	12/21/2001	Carlton J. Sparrell	UCN-010

24390
LUCASH, GESMER & UPDEGROVE, LLP
40 BROAD ST
SUITE 300
BOSTON, MA 02109

CONFIRMATION NO. 3464

FORMALITIES LETTER



OC000000007395540

Date Mailed: 01/31/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

04/02/2002 HHDHANN1 00000011 122315 10032218

FILED UNDER 37 CFR 1.53(b)

01 FC:201	370.00 CH
02 FC:203	72.00 CH
03 FC:202	42.00 CH
04 FC:205	65.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$114.
 - \$72 for 8 total claims over 20.
 - \$42 for 1 independent claims over 3.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 549.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE